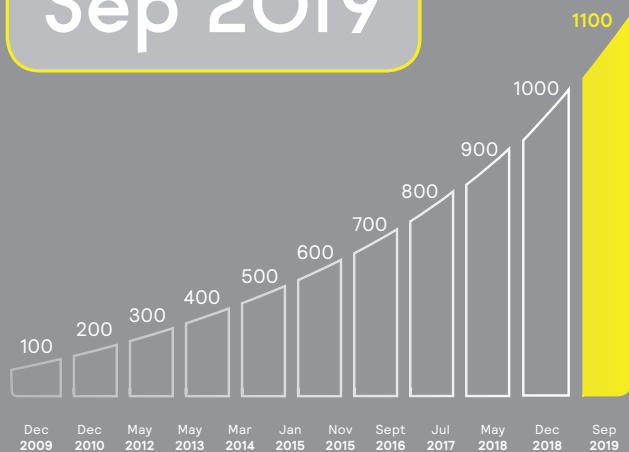


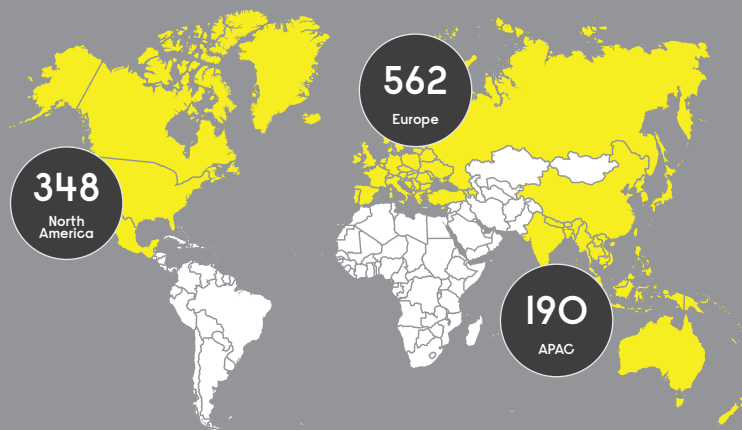
1100 licensees

Sep 2019

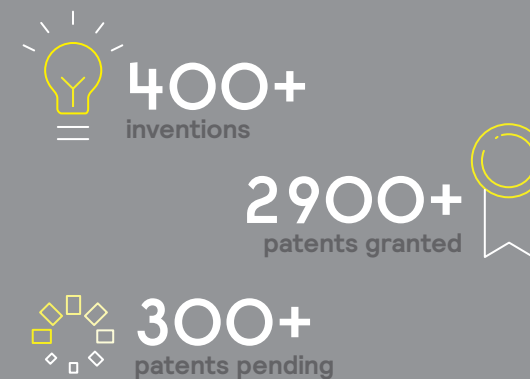
EnabLED Licensing Program for LED luminaires and Retrofit Bulbs



Worldwide number of licensees



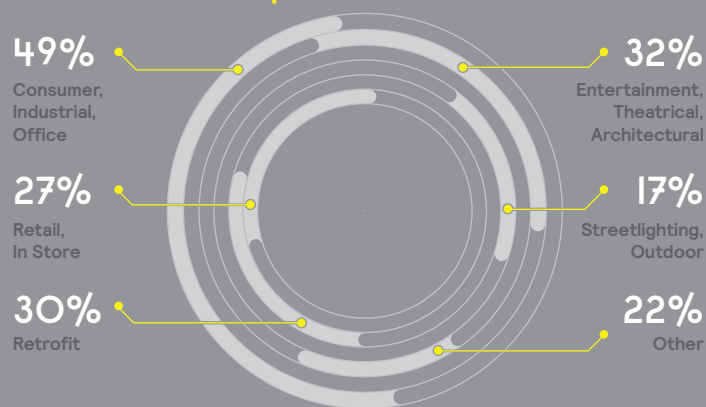
Number of patents



251 EnabLED members worldwide are enabled to use the logo in their communications



Breakdown of application areas our licensees operate in



(Licensees may be active in more than one application area.)

Example technologies

- Filament based LED products**
Application: Using LEDs and filament forms to generate light
- Connected LED lighting technology**
Application: System of networked LED lighting products with Radio Frequency (RF) connectivity
- LED-based Lamp for Replacing TL Fluorescent Lamp with safety features**
Application: general illumination and specialty applications
- Warm dimming incandescent emulation**
Application: Using LEDs to emulate warm dimming features of incandescent bulbs